

CLASSIFICATION CONFIDENTIAL
CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT
CD NO.

50X1-HUM

COUNTRY Soviet Zone Germany
SUBJECT Economic - Industrial equipment
HOW PUBLISHED Daily, weekly news-pers; semimonthly, monthly periodicals
WHERE PUBLISHED Berlin; Weimar
DATE PUBLISHED Jul 1949 - 1 Mar 1950
LANGUAGE German

DATE OF INFORMATION 1949 - 1950
DATE DIST¹⁸ Apr 1950
NO. OF PAGES 2
SUPPLEMENT TO REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50 U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers and periodicals as indicated.

NEW INDUSTRIAL EQUIPMENT DEVELOPED

THREAD-ROLLING MACHINE FOR PARKER SCREWS -- Der Volksbetrieb, No 7, Jul 49

The Neptun shipyards at Rostock are using a new thread-rolling machine for Parker screws which rolls 32 screws per minute. The machine can handle any material with a diameter of less than 8 millimeters at any desired pitch. Any planing machine or any other tool machine with a moving tool bit can be adapted for thread rolling by installing an attachment. The Neptun shipyards alone use 200,000 Parker screws. Up to now, a skilled worker could manufacture 25 of them per hour. Now the machine rolls 1,920 per hour.

MASS-PRODUCES DIESEL ENGINES -- Taegliche Rundschau No 51, 1 Mar 50

The Diesel Engine Shops in Rostock have started mass production of 100-horsepower Diesel engines for use by German shipyards in the construction of cutters.

AGFA DEVELOPS SYNTHETIC DRIVING BELTS -- Die Wirtschaft, No 8, 23 Feb 50

In developing Agfa-P driving belts, the people-owned AGFA Works, Lohmuhlenstrasse 65/67, Berlin-Treptow, have employed a durable synthetic resin which is characterized by great resistance to chemical action. The product has been so satisfactory in practical performance that it can hardly be termed a substitute; actually it is a completely modern driving belt which in some respects, bending strength, for example, even surpasses the qualities of the standard leather belt.

The plant is doing its utmost to increase production and is already in a position to fill sizeable orders.

USES KAOLIN AS LINING MATERIAL -- Der Volksbetrieb, No 7, Jul 49

The Ilsenburg Copper-Sheet-Rolling Mill is now using kaolin as lining material for its Baumann furnaces. The material previously used, magnesite, ground fire clay,

CONFIDENTIAL

- 1 -

CLASSIFICATION		CONFIDENTIAL	
STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB	DISTRIBUTION
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI	

CONFIDENTIAL

CONFIDENTIAL

50X1-HUM

and quartz, had to be removed and renewed after three or four charges. With kaolin lining, a furnace can be charged 30 times before the lining has to be renewed.

The same material is also being used to line pouring funnels. This makes the use of magnesite vessels unnecessary. Furthermore, the funnel can be used for nine or ten times as many charges as before.

COPPER MILL TO BE MODERNIZED -- Der Volksbetrieb, No 2, Jan 50

During 1950 production is to be doubled at the people-owned "Michael Niederkirchner" copper-sheet-rolling mill in Ilsenburg. An amount of 8.5 million Deutsche marks is to be made available for this purpose within the framework of the investment plan, primarily for the installation of the most modern equipment. Quality is also to be improved.

PRODUCES CEMENT FROM GYPSUM SLAG -- Thueringer Volk, No 50, 28 Feb 50

The people-owned cement plant in Bad Berka has been rebuilt and equipped with modern machines. Operations were resumed 25 February 1950.

Whereas the plant formerly manufactured Portland cement, at present it produces only cement made of gypsum slag.

DEVELOPS NEW BUILDING MATERIAL -- Bauplanung und Bautechnik -- No 11, Nov 49

A new building material, with a tensile strength of 40 kilograms and a pressure resistance of 400 kilograms per square centimeter, has been developed by the people-owned Fluorine Plant in Dohne (Sachsen).

The material is very similar to cement and contains gypsum scrap as a base. Heretofore no use was made of the 6,800 tons of gypsum scrap resulting from a monthly production of 1,700 tons of hydrofluoric acid.

- E N D -

CONFIDENTIAL

- 2 -

CONFIDENTIAL